

PCT09

## RAW SEQUENCE LISTING

DATE: 10/11/2001

PATENT APPLICATION: US/09/856,070

TIME: 10:30:44

Input Set : A:\gje-67.txt

Output Set: N:\CRF3\10112001\I856070.raw

5 <110> APPLICANT: Holms, Rupert D.  
 9 <120> TITLE OF INVENTION: Regulatory/Unfolding Peptides of Ezrin  
 13 <130> FILE REFERENCE: GJE-67  
 17 <140> CURRENT APPLICATION NUMBER: 09/856,070  
 19 <141> CURRENT FILING DATE: 2001-05-17  
 23 <150> PRIOR APPLICATION NUMBER: PCT/GB00/03566  
 25 <151> PRIOR FILING DATE: 2000-09-15  
 29 <150> PRIOR APPLICATION NUMBER: 9921881.0  
 31 <151> PRIOR FILING DATE: 1999-09-17  
 35 <160> NUMBER OF SEQ ID NOS: 28  
 39 <170> SOFTWARE: PatentIn version 3.1  
 43 <210> SEQ ID NO: 1  
 45 <211> LENGTH: 32  
 47 <212> TYPE: PRT  
 C--> 49 <213> ORGANISM: Artificial ✓  
 53 <220> FEATURE:  
 55 <221> NAME/KEY: MISC\_FEATURE  
 57 <223> OTHER INFORMATION: Heparin receptor peptide ✓  
 61 <400> SEQUENCE: 1  
 63 Ala Arg Glu Glu Lys His Gln Lys Gln Leu Glu Arg Gln Gln Leu Glu  
 64 1 5 10 15  
 67 Thr Glu Lys Lys Arg Arg Glu Thr Val Glu Arg Glu Lys Glu Gln Met  
 68 20 25 30  
 71 <210> SEQ ID NO: 2  
 73 <211> LENGTH: 35  
 75 <212> TYPE: PRT  
 C--> 77 <213> ORGANISM: artificial ✓  
 81 <220> FEATURE:  
 83 <221> NAME/KEY: MISC\_FEATURE  
 85 <223> OTHER INFORMATION: Heparin receptor Peptide ✓  
 89 <400> SEQUENCE: 2  
 91 Met Arg Glu Lys Glu Glu Leu Met Leu Arg Leu Gln Asp Tyr Pro Glu  
 92 1 5 10 15  
 95 Glu Lys Thr Lys Lys Ala Glu Arg Glu Leu Ser Glu Gln Ile Gln Arg  
 96 20 25 30  
 99 Ala Leu Gln  
 100 35  
 103 <210> SEQ ID NO: 3  
 105 <211> LENGTH: 5  
 107 <212> TYPE: PRT  
 C--> 109 <213> ORGANISM: artificial ✓  
 113 <220> FEATURE:  
 115 <221> NAME/KEY: MISC\_FEATURE  
 117 <223> OTHER INFORMATION: Heparin receptor peptide ✓  
 121 <400> SEQUENCE: 3  
 123 Thr Glu Lys Lys Arg  
 124 1 5

ENTERED

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,070

DATE: 10/11/2001

TIME: 10:30:44

Input Set : A:\gje-67.txt

Output Set: N:\CRF3\10112001\I856070.raw

```
127 <210> SEQ ID NO: 4
129 <211> LENGTH: 9
131 <212> TYPE: PRT
C--> 133 <213> ORGANISM: artificial ✓
137 <220> FEATURE:
139 <221> NAME/KEY: MISC_FEATURE
141 <223> OTHER INFORMATION: Hepreceptor peptide ✓
145 <400> SEQUENCE: 4
147 Thr Glu Lys Lys Arg Arg Glu Thr Val
148 1 5
151 <210> SEQ ID NO: 5
153 <211> LENGTH: 11
155 <212> TYPE: PRT
C--> 157 <213> ORGANISM: artificial ✓
161 <220> FEATURE:
163 <221> NAME/KEY: MISC_FEATURE
165 <223> OTHER INFORMATION: Hepreceptor peptide ✓
169 <400> SEQUENCE: 5
171 Thr Glu Lys Lys Arg Arg Glu Thr Val Glu Arg
172 1 5 10
175 <210> SEQ ID NO: 6
177 <211> LENGTH: 5
179 <212> TYPE: PRT
C--> 181 <213> ORGANISM: artificial ✓
185 <220> FEATURE:
187 <221> NAME/KEY: MISC_FEATURE
189 <223> OTHER INFORMATION: Hepreceptor peptide ✓
193 <400> SEQUENCE: 6
195 Lys Lys Arg Arg Glu
196 1 5
199 <210> SEQ ID NO: 7
201 <211> LENGTH: 8
203 <212> TYPE: PRT
C--> 205 <213> ORGANISM: artificial ✓
209 <220> FEATURE:
211 <221> NAME/KEY: MISC_FEATURE
213 <223> OTHER INFORMATION: Hepreceptor peptide ✓
217 <400> SEQUENCE: 7
219 Lys Lys Arg Arg Glu Thr Val Glu
220 1 5
223 <210> SEQ ID NO: 8
225 <211> LENGTH: 10
227 <212> TYPE: PRT
C--> 229 <213> ORGANISM: artificial ✓
233 <220> FEATURE:
235 <221> NAME/KEY: MISC_FEATURE
237 <223> OTHER INFORMATION: Hepreceptor peptide ✓
241 <400> SEQUENCE: 8
243 Lys Lys Arg Arg Glu Thr Val Glu Arg Glu
```

## RAW SEQUENCE LISTING

DATE: 10/11/2001

PATENT APPLICATION: US/09/856,070

TIME: 10:30:44

Input Set : A:\gje-67.txt

Output Set: N:\CRF3\10112001\I856070.raw

```

244 1          5          10
247 <210> SEQ ID NO: 9
249 <211> LENGTH: 11
251 <212> TYPE: PRT
C--> 253 <213> ORGANISM: artificial ✓
257 <220> FEATURE:
259 <221> NAME/KEY: MISC_FEATURE
261 <223> OTHER INFORMATION: Hepreceptor peptide ✓
265 <400> SEQUENCE: 9
267 Lys Lys Arg Arg Glu Thr Val Glu Arg Glu Lys
268 1          5          10
271 <210> SEQ ID NO: 10
273 <211> LENGTH: 12
275 <212> TYPE: PRT
C--> 277 <213> ORGANISM: artificial ✓
281 <220> FEATURE:
283 <221> NAME/KEY: MISC_FEATURE
285 <223> OTHER INFORMATION: Hepreceptor peptide ✓
289 <400> SEQUENCE: 10
291 Lys Lys Arg Arg Glu Thr Val Glu Arg Glu Lys Glu
292 1          5          10
295 <210> SEQ ID NO: 11
297 <211> LENGTH: 8
299 <212> TYPE: PRT
C--> 301 <213> ORGANISM: artificial ✓
305 <220> FEATURE:
307 <221> NAME/KEY: MISC_FEATURE
309 <223> OTHER INFORMATION: Hepreceptor peptide ✓
313 <400> SEQUENCE: 11
315 Lys Arg Arg Glu Thr Val Glu Arg
316 1          5
319 <210> SEQ ID NO: 12
321 <211> LENGTH: 10
323 <212> TYPE: PRT
C--> 325 <213> ORGANISM: artificial ✓
329 <220> FEATURE:
331 <221> NAME/KEY: MISC_FEATURE
333 <223> OTHER INFORMATION: Hepreceptor peptide ✓
337 <400> SEQUENCE: 12
339 Lys Arg Arg Glu Thr Val Glu Arg Glu Lys
340 1          5          10
343 <210> SEQ ID NO: 13
345 <211> LENGTH: 11
347 <212> TYPE: PRT
C--> 349 <213> ORGANISM: artificial ✓
353 <220> FEATURE:
355 <221> NAME/KEY: MISC_FEATURE
357 <223> OTHER INFORMATION: Hepreceptor peptide ✓
361 <400> SEQUENCE: 13

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/856,070

DATE: 10/11/2001  
 TIME: 10:30:44

Input Set : A:\gje-67.txt  
 Output Set: N:\CRF3\10112001\I856070.raw

```

364 Lys Arg Arg Glu Thr Val Glu Arg Glu Lys Glu
365 1          5          10
368 <210> SEQ ID NO: 14
370 <211> LENGTH: 5
372 <212> TYPE: PRT
C--> 374 <213> ORGANISM: artificial ✓
378 <220> FEATURE:
380 <221> NAME/KEY: MISC_FEATURE
382 <223> OTHER INFORMATION: Hepreceptor peptide ✓
386 <400> SEQUENCE: 14
388 Arg Arg Glu Thr Val
389 1          5
392 <210> SEQ ID NO: 15
394 <211> LENGTH: 9
396 <212> TYPE: PRT
C--> 398 <213> ORGANISM: artificial ✓
402 <220> FEATURE:
404 <221> NAME/KEY: MISC_FEATURE
406 <223> OTHER INFORMATION: Hepreceptor peptide ✓
410 <400> SEQUENCE: 15
412 Arg Glu Thr Val Glu Arg Glu Lys Glu
413 1          5
416 <210> SEQ ID NO: 16
418 <211> LENGTH: 5
420 <212> TYPE: PRT
C--> 422 <213> ORGANISM: artificial ✓
426 <220> FEATURE:
428 <221> NAME/KEY: MISC_FEATURE
430 <223> OTHER INFORMATION: Hepreceptor peptide ✓
434 <400> SEQUENCE: 16
436 Glu Arg Glu Lys Glu
437 1          5
440 <210> SEQ ID NO: 17
442 <211> LENGTH: 14
444 <212> TYPE: PRT
C--> 446 <213> ORGANISM: artificial ✓
450 <220> FEATURE:
452 <221> NAME/KEY: MISC_FEATURE
454 <223> OTHER INFORMATION: Hepreceptor peptide ✓
458 <400> SEQUENCE: 17
460 Glu Arg Glu Lys Glu Gln Met Met Arg Glu Lys Glu Leu
461 1          5          10
464 <210> SEQ ID NO: 18
466 <211> LENGTH: 5
468 <212> TYPE: PRT
C--> 470 <213> ORGANISM: artificial ✓
474 <220> FEATURE:
476 <221> NAME/KEY: MISC_FEATURE
478 <223> OTHER INFORMATION: Hepreceptor peptide ✓

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,070

DATE: 10/11/2001

TIME: 10:30:44

Input Set : A:\gje-67.txt

Output Set: N:\CRF3\10112001\I856070.raw

```

482 <400> SEQUENCE: 18
484 Lys Glu Glu Leu Met
485 1 5
488 <210> SEQ ID NO: 19
490 <211> LENGTH: 13
492 <212> TYPE: PRT
C--> 494 <213> ORGANISM: artificial
498 <220> FEATURE:
500 <221> NAME/KEY: MISC_FEATURE
502 <223> OTHER INFORMATION: Hepreceptor peptide
506 <400> SEQUENCE: 19
508 Lys Glu Glu Leu Met Leu Arg Leu Gln Asp Tyr Glu Glu
509 1 5 10
512 <210> SEQ ID NO: 20
514 <211> LENGTH: 14
516 <212> TYPE: PRT
C--> 518 <213> ORGANISM: artificial
522 <220> FEATURE:
524 <221> NAME/KEY: MISC_FEATURE
526 <223> OTHER INFORMATION: Hepreceptor peptide
530 <400> SEQUENCE: 20
532 Lys Glu Glu Leu Met Leu Arg Leu Gln Asp Tyr Pro Glu Glu
533 1 5 10
536 <210> SEQ ID NO: 21
538 <211> LENGTH: 12
540 <212> TYPE: PRT
C--> 542 <213> ORGANISM: artificial
546 <220> FEATURE:
548 <221> NAME/KEY: MISC_FEATURE
550 <223> OTHER INFORMATION: Hepreceptor peptide
554 <400> SEQUENCE: 21
556 Glu Glu Leu Met Leu Arg Leu Gln Asp Tyr Glu Glu
557 1 5 10
560 <210> SEQ ID NO: 22
562 <211> LENGTH: 13
564 <212> TYPE: PRT
C--> 566 <213> ORGANISM: artificial
570 <220> FEATURE:
572 <221> NAME/KEY: MISC_FEATURE
574 <223> OTHER INFORMATION: Hepreceptor peptide
578 <400> SEQUENCE: 22
580 Glu Glu Leu Met Leu Arg Leu Gln Asp Tyr Pro Glu Glu
581 1 5 10
584 <210> SEQ ID NO: 23
586 <211> LENGTH: 11
588 <212> TYPE: PRT
C--> 590 <213> ORGANISM: artificial
594 <220> FEATURE:
596 <221> NAME/KEY: MISC_FEATURE

```

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/856,070

DATE: 10/11/2001

TIME: 10:30:45

Input Set : A:\gje-67.txt

Output Set: N:\CRF3\10112001\I856070.raw

L:49 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:77 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:109 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:133 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:157 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:181 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:205 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:229 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:253 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:277 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10  
L:301 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11  
L:325 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:349 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:374 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14  
L:398 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15  
L:422 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16  
L:446 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17  
L:470 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18  
L:494 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19  
L:518 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20  
L:542 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21  
L:566 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22  
L:590 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23  
L:614 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24  
L:638 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25  
L:662 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26  
L:686 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27  
L:710 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28